

Title (en)  
Storage medium having image recognition program stored therein, image recognition apparatus, image recognition system, and image recognition method

Title (de)  
Speichermedium mit Bilderkennungsprogramm darauf, Bilderkennungs Vorrichtung, Bilderkennugssystem und Bilderkennungsverfahren

Title (fr)  
Support de stockage doté d'un programme de reconnaissance d'images stocké sur celui-ci, appareil de reconnaissance d'images, système de reconnaissance d'images et procédé de reconnaissance d'images

Publication  
**EP 2395474 A3 20140326 (EN)**

Application  
**EP 10188871 A 20101026**

Priority  
• JP 2010133510 A 20100611  
• JP 2010140354 A 20100621

Abstract (en)  
[origin: EP2395474A2] A game apparatus detects a predetermined image object including a first graphic pattern with a plurality of inner graphic patterns drawn therein from a captured image captured by an image-capturing section. The game apparatus first obtains the captured image captured by the image-capturing section, and detects an area of the first graphic pattern from the captured image. Then, the game apparatus detects the plurality of inner graphic patterns from within the detected area, and calculates center positions of the inner graphic patterns so as to detect the position of the predetermined image object.

IPC 8 full level  
**A63F 13/00** (2014.01); **G06K 9/32** (2006.01); **G06T 7/00** (2006.01)

CPC (source: EP US)  
**G06T 7/74** (2016.12 - EP US); **G06V 10/245** (2022.01 - EP US); **A63F 2300/204** (2013.01 - EP US); **A63F 2300/69** (2013.01 - EP US); **G06T 2207/30204** (2013.01 - EP US)

Citation (search report)  
• [XY] EP 0717398 A2 19960619 - OLYMPUS OPTICAL CO [JP]  
• [Y] EP 2093697 A1 20090826 - ERICSSON TELEFON AB L M [SE]  
• [X] US 2010078478 A1 20100401 - AO CHEN-HUA [TW], et al  
• [X] US 6724930 B1 20040420 - KOSAKA AKIO [JP], et al  
• [X] JP H0798208 A 19950411 - NIPPON DENSO CO

Cited by  
CN112784647A; CN111643906A; EP2725443A3; EP3112970A1; EP3125062A3; EP3121677A3; US9675226B2; US10052004B2; US10058224B2; US10327617B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2395474 A2 20111214**; **EP 2395474 A3 20140326**; US 2011305367 A1 20111215; US 2011305368 A1 20111215; US 8731332 B2 20140520; US 9256797 B2 20160209

DOCDB simple family (application)  
**EP 10188871 A 20101026**; US 91403710 A 20101028; US 91569610 A 20101029